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52427 7590 10/15/2008

MUIRHEAD AND SATURNELLI, LLC
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 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Sandra Pires	(Depositor's name)
<i>Sandra</i>	(Signature)
November 21, 2008	(Date)

APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/812,291	03/29/2004	Jerome J. Cartmell	EMS-06601	2259

TITLE OF INVENTION: MIRRORED MEMORY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	01/15/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
VO, THANH DUC	2189	711-104000

Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

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ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(A) NAME OF ASSIGNEE

EMC Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

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Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

a The following fee(s) are submitted:

Issue Fee

Publication Fee (No small entity discount permitted)

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The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 05-0889 (enclose an extra copy of this form).

Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2)

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Donald W. Muirhead

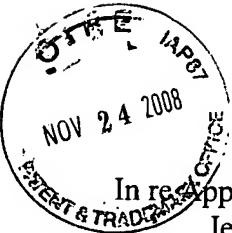
Date November 21, 2008

Typed or printed name Donald W. Muirhead

Registration No. 33,978

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jerome J. CARTMELL, et al.

Appl. No.: 10/812,291

: Art Unit: 2189

Filed: March 29, 2004

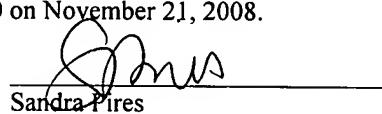
: Examiner: Thanh Duc VO

For: MIRRORED MEMORY

: Docket No.: EMS-06601

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Sandra Pires

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P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF ISSUE FEE

Sir:

In response to the Notice of Allowance dated October 15, 2008 for the above-referenced application, please charge the amount of \$1,525.00 for the issue fee and 5 soft copies to our **Deposit Account No. 05-0889**.

Although we believe that we have appropriately provided for any fees due in connection with this submission, the Commissioner is hereby authorized to credit any overpayment or charge any deficiencies to/from our **Deposit Account No. 05-0889**.

Respectfully submitted,
MUIRHEAD AND SATURNELLI, LLC



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